PALEOPATHOLOGY ASSOCIATION
40th Annual North American Meeting
KNOXVILLE, TENNESSEE
April 9 & 10, 2013

SCIENTIFIC PROGRAM

MONDAY, APRIL 8TH

REGISTRATION (6.00-9.00pm) Lobby, Hilton Knoxville

TUESDAY, APRIL 9TH

REGISTRATION (8.00am – 5.00pm) Outside Meeting Rooms 200 A-E, Knoxville Convention Centre

MORNING SESSION (9.00 – NOON): In recognition of the 21 workshop contributions of the late Don Ortner to the PPA meetings, our 2013 meeting continues with:

9.00 – NOON. The "Donald J. Ortner PPA Workshop" RHEUMATIC DISEASES IN ANTIQUITY AND CONTEMPORARY POPULATIONS. organized by Dawnie Steadman and Heli Maijanen 200A

9.00 – NOON. The "Donald J. Ortner PPA Workshop" THE BIOMECHANICS, BIOLOGY AND INTERPRETATION OF BONE FRACTURE. organized by Dawnie Steadman and Heli Maijanen 200B

12.00 – 1.55 LUNCH

AFTERNOON SESSION I (2.00 – 3.20) Chair: Susan Pfeiffer
Podium Presentations 200DE

2.00 Announcements and Session Opening
2.05 SHOT THROUGH THE HEAD, AND WHO’S TO BLAME? FOURTEEN HISTORIC PERIOD CASES FROM ALASKA. J. Christopher Dudar & Lars Krutak
2.20 VIKINGS IN ORKNEY, GENOCIDE OR INTEGRATION?: OSTEOLOGICAL ANALYSIS OF THE MEDIEVAL POPULATION OF ORKNEY. Ceilidh Lerwick ***
2.35 QUANTITATIVE ANALYSIS OF PERIMORTEM TRAUMA IN A FRAGMENTED, DISARTICULATED, AND COMMINGLED SKELETAL SAMPLE: SUCCESS AND FAILURE AT SMITH’S KNOLL. Laura Lockau, Ana-Maria Dragomir, & Megan Brickley. ***

*** Entrant for the Cockburn student prize.
***Poster in the special session in honor of Dr. Donald J. Ortner.
2.50  PALEOPATHOLOGICAL ENIGMAS OF MATRIX 101: AN UNPRECEDENTED MASS HUMAN SACRIFICE FROM HUACA LAS VENTANAS, PERU. Haagen Klaus, Steve Nau, Kevin Reed, Alexis Meeks, Angelina DeMarco, Jenna Hurtubise, Jose Pinilla, Ana Alva, & Carlos Elera.

3.05  TESTING THE RELATIONSHIP BETWEEN SEXUAL DIMORPHISM AND CHILDHOOD HEALTH IN PREHISTORIC THAILAND. Angela L. Clark, Nancy Tayles, & Siân Halcrow.

3.20 – 3.50  BREAK

AFTERNOON SESSION II (3.50 – 5.15)  Chair: Sandra Gravie Lok

Podium Presentations  200DE

3.50  BREAST CANCER IN ANTIQUITY? DIFFERENTIAL DIAGNOSIS OF TWO CASES FROM ANCIENT EGYPT. Tosha L. Dupras, Lana J. Williams, Peter S. Sheldrick, Brittany Walter, Bart VanThuyne, Sandra Wheeler, & Harco Willems.

4.05  THE ANTIQUITY OF CANCER: A SURVEY OF PALAEO-Oncological “CASE STUDIES” FOR IDENTIFICATION AND METHODOLOGICAL IMPROVEMENT. Kathryn J. Hunt.***

4.20  FUNCTIONAL ORTHO-PROSTHESIS IN A THIRD/SECOND CENTURY BC GRAVE FROM TURFAN, CHINA. Julia Gresky, Mayke Wagner, Pavel Tarasov, Xiao Li, Xiaohong Wu, Yongbin Zhang, Arno Schmidt, & Tomasz Goslar.

4.35  AN ICELANDIC SAGA OF A DIFFERENT SORT: HIGH FREQUENCIES OF ANTEMORTEM TOOTH LOSS IN MEDIEVAL ICELANDERS COMPARED TO GREENLANDERS, NORWEGIANS, AND DANISH VIKINGS. Amanda R. Harvey, Roman Schomberg, Diana Malarchik, & G. Richard Scott. ***

4.50  STANDARDISING THE DIAGNOSIS OF DENTAL CARIES IN ARCHAEOLOGICAL REMAINS – A STUDY FROM PREHISTORIC SOUTHEAST ASIA. Stephanie A. Shkrum, Nancy Tayles, & Siân E. Halcrow.***

5.05  Announcements

5.15 – 6.15  Student Action Committee  200DE

6.30  Cash Bar, followed by Association Business Meeting and Buffet Dinner  200ABC

WEDNESDAY, APRIL 10TH

REGISTRATION (8.00 – 12.00 noon) Outside Meeting Rooms 200 A-E, Knoxville Convention Centre

MORNING SESSION I (8.00-9.20) Chair: Gretchen Dabbs

*** Entrant for the Cockburn student prize.

***Poster in the special session in honor of Dr. Donald J. Ortner.
Podium Presentations 200DE

8.00 Announcements

8.05 **DELVING DEEP INTO THE ORIGINS OF TUBERCULOSIS WITH THE AID OF ROBUST LIPID BIOMARKERS.** David E. Minnikin, Oona Y-C. Lee, Houdini H.T. Wu, Gurdyal S. Besra, Oussama Baker, Olivier Dutour, Bruce Rothschild, Richard Laub, Mark Spigelman, & Helen D. Donoghue

8.20 **PALEOEPIDEMIOLOGY OF A PREHISTORIC CENTRAL CALIFORNIA SHELLMOUND IN RELATION TO THE RISE OF INFECTIOUS MYCOBACTERIUM TUBERCULOSIS.** Reshma E. Varghese, Elaine M. Burke, Emily A. Bulger, Gabrielle E. Aldern, Gary D. Richards, & Rebecca S. Jabbour***

8.35 **HETEROGENEITY IN LIPID BIOMARKER PROFILES FOR ANCIENT LEPROSY.** Oona Y-C Lee, Houdini H.T. Wu, Charlotte A. Roberts, Maria Giovanna Belcastro, Valentina Mariotti, Mark Spigelman, Helen D. Donoghue, Gurdyal S. Besra, & David E. Minnikin

8.50 **AN ANALYSIS OF OSTEOARTHRITIS OF THE COSTOVERTEBRAL AND COSTOTRANSVERSE JOINTS FROM 3 MEDIEVAL NUBIAN SITES.** Jennifer L. Willoughby.

9.05 **CHRONIC COXOFEMORAL LUXATIONS IN 13TH CENTURY VIRGINIA DOGS: DIFFERENTIATION FROM HIP DYSPLASIA.** Elizabeth W. Uhl, Shelby F. Jarrett, Charles Kelderhouse, & Jeffrey P. Blick.

9.20 – 10.40 **BREAK & POSTER SESSION I Location TBC**
Posters in place all day but authors of odd numbered posters will be present during this break. Poster titles & authors listed below.

MORNING SESSION II (10.40 – 12.00) Chair: Daniel Temple

Podium Presentations 200DE

10.40 **CONTRIBUTION OF OSTEOPOROSIS TO FRACTURE PATTERNS AMONG PRECOLUMBIAN AMERINDIANS OF WEST-CENTRAL ILLINOIS.** Susan Dale Spencer, Polly Husmann, & Della Collins Cook.

10.55 **URBAN AND RURAL HEALTH IN POST-MEDIEVAL LONDON: A BIOARCHAEOLOGICAL ANALYSIS OF MIDDLE- AND OLD ADULT WOMEN.** Alexandra Perrone.

11.10 **THE PERILS AND POSSIBILITIES OF INFERRING DISEASE PRESENCE IN ANTIQUITY WITH LITERARY EVIDENCE.** Stephanie Marciniak.

*** Entrant for the Cockburn student prize.

***Poster in the special session in honor of Dr. Donald J. Ortner.

11.40 THE Earliest Evidence For Intestinal Parasites In Greece: Implications For The Interpretation Of The Ancient Medical Texts Of Hippocrates. Piers D. Mitchell & Evilena Anastasiou.

12.00 – 1.55 LUNCH – Let’s Do Lunch Chesapeake’s
(See attached map)

AFTERNOON SESSIONS I & II. SPECIAL SESSION IN MEMORY OF DR. DONALD J. ORTNER (2.00 – 3.05 AND 4.05-5.05)

Podium Presentations I 200DE Chair: Mary Lucas Powell

2.00 A TRIBUTE TO DON BY KEITH MANCHESTER. Charlotte Roberts, PPA President.

2.05 IN MEMORIAM TBC Jane E. Buikstra & Bruno Frohlich

2.25 A POSSIBLE TREPHINATION FROM THE NORTH COAST OF PERU AND THE CHALLENGES OF DIFFERENTIAL DIAGNOSIS OF HEALED CRANIAL DEFECTS. John W. Verano & Tania Delabarde


3.10 – 4.20 BREAK & POSTER SESSION II Location TBC

Posters in place all day but authors of even numbered posters will be present during this break.
Posters in the session in honor of Dr. Donald J. Ortner are located on even-numbered boards 64-78 inclusive.
Poster titles & authors listed at the end of the program.

Podium Presentations II Chair: Jerry Rose

4.20 A CASE OF LEPROMATOUS LEPROSY FROM KODIAK ISLAND, ALASKA. Cynthia A. Wilczak & Donald J. Ortner.

*** Entrant for the Cockburn student prize.
★★★Poster in the special session in honor of Dr. Donald J. Ortner.
4.35 CRANIAL TRAUMA PATTERNS AMONG HOLOCENE FORAGERS – INTENTIONAL AND ACCIDENTAL CAUSES. Susan Pfeiffer.


5.05 Closing Remarks and Announcements, Award of Cockburn Student Prize

CASH BAR

POSTER PRESENTATIONS:

(Number refers to poster board number) An author of the poster should be present at the poster during their assigned poster session. Authors of odd numbered posters should be present at the first poster session (Wed., April 10th, 9.20 – 10.40 am) and those of even numbers posters should be present at the second session (Wed., April 10th, 3.05 – 4.20 pm).

1. DEVELOPMENTAL DYSPLASIA OF THE HIP IN A CHILD FROM MEDIEVAL POLAND
Amanda M. Agnew & Hedy M. Justus

2. HUMAN-INDUCED TRAUMATIC SCOLIOSIS IN A COMMerson’S DOLPHIN (Cephalorhyncus commersoni)
Kathleen B. Adia & Charles W. Potter

3. HEALTH AND MORBIDITY AT ANGEL MOUNDS (12VG1): THE PALEOPATHOLOGY OF A GERMINATING TOWN
Erica L. Ausel***

4. LYTIC LESIONS ON THE EUBOEAN: A CASE STUDY FROM BRONZE AGE MITROU
Amy Anderson & Nicholas P. Herrmann

5. DESERT REHYDRATION: TESTING PALEOHISTOLOGICAL FIELD METHODOLOGY OF MUMMIFIED TISSUES FROM DAKHLEH OASIS, EGYPT
J. Branson, L. Williams, T.L. Dupras, & S. Wheeler

6. CASES OF SYPHILIS IN THE ROBERT J. TERRY ANATOMICAL SKELETAL COLLECTION
Daniel L. DiMichele & David Hunt

*** Entrant for the Cockburn student prize.
****Poster in the special session in honor of Dr. Donald J. Ortner.
7. DENTAL DISEASE AT RAS AL-KHAIMAH, UAE: HEALTH INDICATORS FROM COMINNGLED SKELETAL REMAINS
Alyson Caine

8. THE APPLICATION OF DIGITAL RADIOGRAPHIC ANALYSIS TO SKELETAL ASSEMBLAGES
Jelena Bekvalac & Gaynor Western

9. SPECIAL CHILD, SPECIAL DEATH: CRANIOSYNOSTOSIS & MORTUARY RITUAL IN PREHISPANIC NORTH MEXICO
John J. Crandall, Jennifer L. Thompson, & Della C. Cook***

10. THE MISSHAPEN MAN: A DIFFERENTIAL DIAGNOSIS
Tracy K. Betsinger & Amy B. Scott

11. BIOARCHAEOLOGICAL ANALYSIS OF THE SHADY GROVE OSSUARY (22QU525)
C. Brady Davis

12. THE PREVALENCE OF DENTAL CARIES IN NEOLITHIC ANATOLIA, TURKEY
Başak Boz, Marin A. Pilloud, & Simon Hillson

Angelina DeMarco, Haagen Klaus, Jenna Hurtibise, Alexis Meeks, Steve Nau, Kevin Reed, Jose Pinilla, Ana Alva, & Carlos Elera

14. A HANGING-DECAPITATION FROM IRON AGE YORK
Jo Buckberry, Terry O’Connor, Andrew Wilson, & Sonia O’Connor

15. CUT MARKS: NEW EVIDENCE OF HUMAN SACRIFICE AT HUACA DE A LUNA
Brittany Dement***

16. A PUZZLING PURPLE PIGMENT: PRESERVATION AND PSEUDOPATHOLOGY PREDICAMENTS
Julie A. Bukowski & Jennifer E. Mack

17. PALEOPATHOLOGICAL EVIDENCE OF SEXUAL DIVISION OF LABOR AND DIET IN THE SAN FRANCISCO BAY AREA
Melanie M. Beasley & Eric J. Bartelink***
*** Entrant for the Cockburn student prize.
***Poster in the special session in honor of Dr. Donald J. Ortner.
18. **BONE MINERAL DENSITY ASSESSMENT IN THE DISTAL RADIUS: AN INADEQUATE OPTION IN PALEOPATHOLOGY?**
Francisco Curate, Anabela Albuquerque, Izilda Ferreira, & Tânia Ferreira

19. **YOU ARE NOT WHAT YOU EAT DURING STRESS: ISOTOPIC EVALUATION OF HUMAN HAIR FROM BELLEVILLE, ONTARIO**
Lori D’Ortenzio & Tracy Prowse

20. **PATTERNS OF OSTEOPOROSIS SYMMETRICA AND CRIBRA ORBITALIA AMONG PREHISTORIC SOCIETIES OF THE ARGENTINEAN NORTHWEST**
Hilton D. Drube

21. **PATTERNS OF HEALTH AND CHILDHOOD STRESS SPANNING THE LATE MEDIEVAL AGRARIAN CRISIS IN TWO DANISH CEMETERY SAMPLES**
Julia A. Gamble

22. **OSTEOLOGICAL EVIDENCE OF THE RELATIONSHIP BETWEEN THE BODY AND THE ENVIRONMENT OF OSSONOBÀ: ATYPICAL DENTAL WEAR AND AURICULAR EXOSTOSES IN INDIVIDUALS FROM 1-3RD CENTURIES AD**
Hélider Fernandes, Ana Luísa Santos, Ana Gonçalves, & Paula Tavares

23. **INVESTIGATION OF THE EFFECT OF DIET, SEX, AND AGE ON DENTAL HEALTH AMONG ANCIENT ASIAN POPULATIONS FROM CHINA AND MONGOLIA**
Jamie M. Gomez, Jacqueline T. Eng, & Erdene Myagmar

24. **REVEALING CARSON: A HEALTH PROFILE OF CARSON MOUNDS**
Falicia L. Gordon & Elizabeth Miller

25. **ANALYSIS OF A PREHISTORIC ASIAN YOUTH FROM NON NOK THA, THAILAND: PALEOPATHOLOGICAL EVIDENCE**
Krystal M. Hammond & Jennifer L. Thompson

26. **A POSSIBLE CASE OF SCOLIOSIS IN A ROMAN-ERA WOMAN FROM HELIKE, ACHAEA, GREECE**
Sandra J. Garvie-Lok, Nicole Burt, & Dora Katsonopoulou

*** Entrant for the Cockburn student prize.
*** Poster in the special session in honor of Dr. Donald J. Ortner.
27. **ANCIENT DNA EVIDENCE OF *MYCOBACTERIUM TUBERCULOSIS* COMPLEX DNA AT THE GENTLEMAN FARM SITE, LASALLE COUNTY, ILLINOIS**
Jessica L. Harrison, Leslie Coss, Della Collins Cook, & Frederika A. Kaestle

28. **THE FIRST THREE VICTIMS EXAMINED FROM THE 1806 LANDSLIDE DISASTER AT GOLDAU, SWITZERLAND**
Martin Häusler, Thomas Reichlin, Frank Rühli, & Sabrina Meyer

Michelle Haynes

30. **HYPEROSTOSIS FRONTALIS INTERNA: A PALEOPATHOLOGY OF THE FUTURE?**
Lindsey L. Jenny, Michael G. Koot, & Wendy Lackey-Cornelison

31. **FAMINE IN THE MIDST OF RETREAT: AN ISOTOPIC ANALYSIS OF DIETARY VARIATION AND STARVATION IN NAPOLEON’S GRAND ARMY**
Sammantha N. Holder, Tosha Dupras, Rimantas Jankauskas, Lana Williams, & John Schultz

32. **A TALE OF TWO TRAUMAS: A OHIO HOPEWELL CASE STUDY**
Michael G. Koot

33. **AMBIGUOUS DEATHS? THROAT-SLITTING, STAB WOUNDS, AND PALEOPATHOLOGICAL PERSPECTIVE ON THE ABSENCE OF EVIDENCE OF VIOLENT DEATH AT MATRIX 101, HUACA LAS VENTANAS, PERU**
Jenna Hurtubise, Haagen Klaus, Steve Nau, Kevin Reed, Alexis Meeks, & Angelina DeMarco

34. **INTERPERSONAL VIOLENCE IN PREHISTORIC WESTERN UKRAINE**
Gwyn D. Madden & Jordan K. Karsten

35. **IMPAIRED, NOT ‘DISABLED’: INDICATORS OF CEREBRAL PALSY ON THE 16TH CENTURY ENGLISH WARSHIP MARY ROSE**
Rose Drew

*** Entrant for the Cockburn student prize.
★★★Poster in the special session in honor of Dr. Donald J. Ortner.
36. **POSSIBLE POT-POLISH IN HUMAN REMAINS FROM SIR JOHN FRANKLIN’S LAST EXPEDITION TO THE ARCTIC, 1845**  
Simon Mays & Owen Beattie

37. **LOCAL PREVALENCES OF CRANIAL SHARP FORCE TRAUMA IN THE EARLY-MEDIEVAL GRAVEYARD OF LAUCHHEIM**  
Felix Engel***

38. **TB OR NOT TB. POSSIBLE EVIDENCE FOR THE PRESENCE OF TUBERCULOSIS AT 40RE12 IN EAST TENNESSEE**  
Donna M. McCarthy & Kevin B. Hufnagl

39. **INJURY RECIDIVISM IN URBAN AND RURAL LATE-MEDIEVAL POLISH POPULATIONS**  
Gabriela J. Jakubowska***

40. **A TREPANNED SKULL FROM THE MODERN AGE (19th CENTURY) FOUND IN STEINHAUSEN, CANTON OF ZUG, SWITZERLAND**  
Sabrina Meyer, Adriano Boschetti-Maradi, Rudolf Hauri, & Martin Häusler

41. **PSEUDOPATHOLOGY AND ALTERATION OF PATHOLOGICAL CONDITIONS: EFFECTS OF SOIL CHEMISTRY ON TOOTH AND BONE**  
G. Llew Kinison & Kerriann Marden***

42. **THE PATHOLOGY AND TRAUMA OF A HISTORIC GALLOWS MOUND IN DENMARK**  
Charlotte Primeau, Sara Andersson, & Lars Jørgensen

43. **EPIDEMIOLOGICAL PROFILE OF NEOPLASMS ON FOUR PORTUGUESE IDENTIFIED SKELETAL COLLECTIONS (19TH - 20TH CENTURIES)**  
Carina Marques, Eugénia Cunha, & Albert Zink***

44. **ANEURYSMAL BONE CYST OF THE ORBIT FOLLOWING TRAUMA – A CASE FROM THE MIDDLE BRONZE AGE OF SIDON, LEBANON**  
Holger Schutkowski, Michael Golloher, & Richard Mikulski

45. **DENTAL DISEASE AND TOOTH WEAR IN HELIKE, GREECE FROM THE HELLENISTIC TO THE BYZANTINE PERIODS**  
Courtney McConnan Borstad***

*** Entrant for the Cockburn student prize.  
*** Poster in the special session in honor of Dr. Donald J. Ortner.
46. EVALUATING ALCOHOL RELATED BIRTH DEFECTS IN THE PAST: SKELETAL AND BIOCHEMICAL EVIDENCE FROM A COLONIAL RUM PRODUCTING COMMUNITY IN BARBADOS, WEST INDIES
Kristrina A. Shuler & Hannes Schroeder

47. DEVELOPING A SYSTEMATIC TOOL FOR DIFFERENTIAL DIAGNOSIS OF JUVENILE SCURVY AND RICKETS IN ARCHAEOLOGICAL COLLECTIONS

48. AN ANALYSIS OF SKELETAL TRAUMA IN TWO LATE WOODLAND POPULATIONS FROM WEST CENTRAL ILLINOIS
Robert Taylor

49. A POSSIBLE CASE OF NON-VENEREAL TREPONEMATOSIS AT PETE KLUNK MOUND GROUP
Olof D. Olafardottir

50. CHALLENGES OF TERRAIN AND HUMAN INTERACTION: FRACTURE PATTERNS FROM A LATE INTERMEDIATE HIGHLAND SAMPLE FROM MARCAJIRCA, DEPARTMENT OF ANCASH, PERU.
Anne R. Titelbaum, Bebel Ibarra, Stephan Naji, Óscar Loyola Azáldegui, Katya Valladares, & Madeline Zhu

51. TUBERCULOSIS OSTEOMYELITIS: A CASE FROM THE GEORGE S. HUNTINGTON COLLECTION
Kristen E. Pearlstein & David R. Hunt

52. MEDICINAL MERCURY AND A PROBABLE CASE OF ITS USE IN COLONIAL ANTIGUA, W.I.
Tamara Varney, Treena Swanston, Ian Coulthard, Reg Murphy, & David Cooper

53. SURVIVAL OF SEVERE TRAUMA IN A BIGHORN SHEEP (OVIS CANADENSIS)
Jenny M. Riley

54. HEALTH OF THE MEDIEVAL PEASANTS OF APIGLIANO, ITALY
Jennifer Vollner, Carolyn Hurst, & Todd Fenton

*** Entrant for the Cockburn student prize.
*****Poster in the special session in honor of Dr. Donald J. Ortner.
55. A PALEOPATHOLOGICAL ASSESSMENT OF OSTEOARTHRITIS IN THE LOWER APPENDICULAR JOINTS OF INDIVIDUALS FROM THE KELLIS 2 CEMETERY IN THE DAKHLEH OASIS, EGYPT
Joshua B. Robin & Tosha Dupras

56. A PROBABLE CASE OF CONGENITAL SYPHILIS IN KOREA (19th CENTURY A.D.)
Eun Jin Woo, Hee-Jin Kim, & Sunyoung Pak

57. LOWER LEG FRACTURES IN AN ELDERLY WOMAN FROM THE «ESPÍRITO SANTO» HERMITAGE – ALMADA, PORTUGAL
Fernando Robles, Telmo António, Sérgio Rosa, & Francisco Curate

58. SICKNESS OR STYLE? A PRELIMINARY INVESTIGATION OF A DENTAL ANOMALY FROM PREHISTORIC MIDDLE TENNESSEE
Katherine Wright

59. ARCHAEOPARASITOLOGY IN THE HISTORICAL TOWN OF ARROW ROCK, MISSOURI
Amanda Rollins, Frederika Kaestle, & Peter Warnock***

60. DIFFERENTIAL DIAGNOSIS OF HEALED SCALPING OR A SEVERE BURN AT THE MISSISSIPP MISSISSIPPIAN BANKS VILLAGE SITE IN ARKANSAS
Katie Zejdlik & Della Collins Cook

61. THE USE OF DENTAL PATHOLOGY TO IDENTIFY A POSSIBLE ARCHAIC COMPONENT AT KOSTER MOUNDS (GREENE COUNTY, IL)
Lita Sacks***

62. HEALTH OF THE ENSLAVED AND THE FREE IN THE DANISH WEST INDIES: PRELIMINARY RESULTS FROM A PALEOPATHOLOGICAL ANALYSIS of 18th to 20th CENTURY SKELETAL REMAINS FROM ST. CROIX, USVI.
Molly K. Zuckerman & Sarah A. Mathena

63. HIDDEN HEMATOMA: SUBADULT ENDOCRANIAL BLEEDING IN POST-MEDIEVAL POLAND
Amy B. Scott & Tracy K. Betsinger

*** Entrant for the Cockburn student prize.
*****Poster in the special session in honor of Dr. Donald J. Ortner.
64. PALEOPATHOLOGICAL RESEARCH OF ANCIENT EGYPTIAN MUMMIES FROM THE COLLECTION OF HRDLICKA MUSEUM OF MAN USING COMPUTED TOMOGRAPHY
Lenka Cervenková, Jan Cvrcek, Iva Grossova, Miroslav Kudela, Marco Stella, & Zuzana Krupova

65. DETECTING HEALTH IN THE ABSENCE OF SKELETAL EVIDENCE: THE HEALTH OF PEOPLE IN SHASTA COUNTY, CALIFORNIA DURING THE GOLD RUSH (1848-1860)
Heidi A. Shaw

66. PLAGUES AND PEOPLE: SELECTIVE MORTALITY IN MEDIEVAL AND POST-MEDIEVAL LONDON
Candice Chambers & Kenda Honeycutt

67. FETAL-PELVIC DISPROPORTION AND PELVIC ASYMMETRY AS A POTENTIAL CAUSE FOR HIGH MATERNAL MORTALITY IN THE DAKHLEH OASIS, EGYPT
S. Stansfield, T. Dupras, E. Maboudou, S. Wheeler, & L. Williams

68. AN ASSESSMENT OF THE USE OF METAPHYSEAL LESIONS IN THE DIAGNOSIS OF SCURVY IN JUVENILES
Danielle C. Hanson

69. BUILDING A MODEL FOR TYPE 2 DIABETES IN PALEOPATHOLOGY
Charity F. Upson-Taboas

70. RIDDLED WITH RIDDLES: A PUZZLING CASE OF DIFFUSE SKELETAL LESIONS FROM SOUTHWESTERN ALASKA

71. PATHOLOGY IN AN 18th CENTURY DELAWARE SKELETAL COLLECTION: IMPLICATIONS AND INTERPRETATIONS
Robyn Wakefield-Murphy

72. EXPANDING A BIT ON THE VERY LAST PAGE IN “IDENTIFICATION OF PATHOLOGICAL CONDITIONS IN HUMAN SKELETAL REMAINS”: ON THE HYPEROSTOSIS OF THE PALATE AND MANDIBLE IN THE GREENLAND NORSE
Niels Lynnerup & Mathilde Baumann

*** Entrant for the Cockburn student prize.
****Poster in the special session in honor of Dr. Donald J. Ortner.
73. **HOLEY SCAPULAE: A CASE STUDY OF SCAPULAR ANOMALIES AT KHIRBET QAZONE**  
Jessica L. Walker & Megan A. Perry***

74. **DIAGNOSTIC MARKERS OF SCURVY IN CHORNANCAP**  
Alexis Meeks & Haagen D. Klaus, Angelina DeMarco, Jenna Hurtibise, Kevin Reed, and Steve Nau****

75. **TOO MUCH MACRO, NOT ENOUGH MICRO, AND NO RADIOGRAPHY AT ALL: AN OBJECT LESSON IN CHARACTERISTICS OF DIFFERENTIAL DIAGNOSIS OF BREAST CANCER FROM ANCIENT EGYPT**  
B. Walter, L. Williams, T.L. Dupras, P. Sheldrick, B. VanThuyne, S. Wheeler, & H. Willems***

76. **UNUSUAL PATHOLOGICAL REACTIONS IN AN INDIVIDUAL FROM PREHISTORIC WEST-CENTRAL ILLINOIS**  
Jocelyn D. Minsky-Rowland & Dawnie Wolfe Steadman****

77. **ASSESSING THE OCCURRENCE AND THE SEVERITY OF “LUMPY JAW” IN WILD SHEEP (OVIS sp.).**  
Amanda Williams, Alexis Berger, David Dyer, Emily Graslie, & Victoria Swenson***

78. **CO-MORBIDITY INDEX ANALYSES OF SKELETONS AND SOFT TISSUE AUTOPSY REPORTS IN AN EARLY 20TH CENTURY SWISS BONE REFERENCE SERIES**  
Katherine van Schaik & Frank Rühli****

79. **OCCUPATIONAL HAZARDS AT TELL EL-AMARNA: A CASE FOR REPEATED WORK-RELATED TRAUMATIC INJURY**  
Teresa V. Wilson & Robin Wineinger***

80. **“The holy blissful martir for to seke …”- THE KILLING OF ARCHBISHOP THOMAS BECKET (AND THE WHERABOUTS OF HIS REMAINS)**  
Christopher J. Knüsel

81. **FIRST PREHISTORIC EVIDENCE OF TRIGONOCEPHALY: EVIDENCE FROM SANTA ROSA ISLAND, CALIFORNIA (CA-SRI-24)**  
Alexandra McGough, Mackenzie M. Alessi, Lauren C. Guthrie, Caitlin, L. Ibarra, & Gary D. Richards***

*** Entrant for the Cockburn student prize.  
****Poster in the special session in honor of Dr. Donald J. Ortner.
82. SHIELDED IN DEATH, BUT NOT IN LIFE: TRAUMA AND FACETS OF WARRIOR IDENTITY IN EARLY MEDIEVAL ALAMANNIA
Nivien Speith & Christopher J. Knüsel

83. EVALUATION OF DENTAL HEALTH IN A MID 18TH CENTURY FRENCH COLONIAL CEMETERY: FT. MICHILIMACKINAC (22EM52)
Tyler Cargill***

*** Entrant for the Cockburn student prize.
****Poster in the special session in honor of Dr. Donald J. Ortner.